June 25

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UTILITY PATENT APPLICATION

0275M-000746 Attorney Docket No. First Inventor Jorg Willershausen DEVICE AND METHOD FOR SHORT CYCLE ARC WELDING

TRANSMITTAL EV 092 044 861 US (Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔲 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 Specification Total Pages 29 a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on:

- ! - ;	Statement Regard	to Related Application to Related Application to Related Application Related R		Specification filed in English	i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper c. ☐ Statements verifying identity of above copies						
Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention				Γ	ACCOMPANYING APPLICATIONS PARTS						
- Brief Summary of the Invention			9. 🔲 10. 🔲	37 C.F.R.	Assignment Papers (cover sheet & document(s)) 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney						
- ,	Abstract of the Dis	sclosure			11. 🛛	English T	ransla	tion Docur	nent (if applicable)		
4. D 5. Oath or I	rawing(s) (<i>35 U</i> Declaration		l Sheet Pages		12. 🗆	Informatio Statement		closure)/PTO-144	Copies of IDS Citations		
		d (original or copy)	. ugu	— '	13. 🔲	Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
	-	ior application (37 (CFR 1.6	63 (d))	14. 🛛						
(for a continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				15. 🛛	Certified Copy of Priority Document(s) (if foreign priority is claimed)						
				16.	(b)(2)(B)(i	Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35					
6. Application Data Sheet. See 37 CFR 1.76				17. 🗆	or its equivalent. Other:						
or in an App Contin Prior app For CONTIN under Box 5	olication Data Sho nuation [olication information IUATION or DIVIS b, is considered	eet under 37 CFR 1. Divisional DO: Examiner SIONAL APPS only: 1 a part of the disclos	76: ☐ Conti —— The enticure of the	inuation-in-par re disclosure ne accompan	t (CIP) of the prior a ying or divisi	of pi <i>Gro</i> e application, 1 ional applica	rior ap up / Ar irom w ition a	plication No: t Unit: hich an oa nd is hereb	preliminary amendment, / th or declaration is supplied y incorporated by reference.		
	The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS										
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City	Bloomfield Hills State		MI	MI Zip		Code	48303				
Country	United States	of America	Telep	hone	248-641-	248-641-1600		Fax	248-641-0270		
Name (Print/Type) Mon		Monte L. Falcoff	e L. Falcoff		Registratio	Registration No. (Attorney/Agent)			37,617		

Signature Date Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TO ANOMITTAL	Complete if Known				
FEE TRANSMITTAL	Application Number	Not Yet Assigned			
for FY 2003	Filing Date	Herewith			
	First Named Inventor	Jorg Willershausen			
Patent fees are subject to annual revision.	Examiner Name	Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit	Not Yet Assigned			
TOTAL AMOUNT OF PAYMENT (\$) 1152	Attorney Docket No.	0275M-000746			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None	3. ADI	ANOITIC	L FEES				
Order	Large	Entity	Small I	Entity			
☑ Deposit Account:	Fee	Fee	Fee	Fee	Fee Description	Fee Paid	
Deposit		Code 1051	(\$) 130	2051	(\$) 65	Surcharge - late filing fee or oath	
Account 02-2550 Number	1	1052	50	2052	25	Surcharge - late provisional filing fee	
Number		1,002	00	2002		or cover sheet.	
Deposit	1053	130	1053	130	Non-English specification		
Account The Black & Decker Corporation			2,520	1812	2,520	For filing a request for reexamination	
The Commissioner is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action]]	
 ☑ Charge fee(s) indicated below ☑ Charge any additional fee(s) during the pendency of this applica 	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month		
FEE CALCULATION	1252	410	2252	205	Extension for reply within second month	1 1	
BASIC FILING FEE		1253	930	2253	465	Extension for reply within third month	
Large Entity Small Entity		1254	1,450	2254	725	Extension for reply within fourth month	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$) Fee Pa	d	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Utility filing fee 750		1401	320	2401	160	Notice of Appeal	
1002 330 2002 165 Design filing fee		1402	320	2402	160	Filing a brief in support of an appeal	
1003 520 2003 260 Plant filing fee		1403	280	2403	140	Request for oral hearing	
1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filling fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1003 100 2003 80 Flovisional mining lee		1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 750	1453	1,300	2453	650	Petition to revive - unintentional		
O EVERA OLAMA SEE		1501	1,300	2501	650	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Extra Fee from Fe		1502	470	2502	235	Design issue fee	
Extra Fee from Fe Claims below Pa		1503	630	2503	315	Plant issue fee	
Total Claims 33 -20 ** = 13 X 18 = 23		1460	130	1460	130	Petitions to the Commissioner	
Independent 5 0 1		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims 5 -3 ** = 2 X 84 = 16i	<u>'</u>	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent X = 0	1					Recording each patent assignment	
Large Entity Small Entity	8021	40	8021	40	per property (times number of properties)		
Fee Fee Fee Fee Description Code (\$) Fee Description		1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	`
1202 18 2202 9 Claims in excess of 20		1810	750	2810	375	For each additional invention to be	
1201 84 2201 42 Independent claims in excess of		1		[examined (37 CFR § 1.129(b))	
1203 280 2203 140 Multiple dependent claim, if not	-	1801	750	2801	375	Request for Continued Examination (RCE)	
1204 84 2204 42 ** Reissue independent claims original patent	over	1802	900	1802	900	Request for expedited examination	 -
** Paiceus claims in aveges of	of a design application						
1205 18 2205 9 reassus claims in excess of a over original patent	Other fee (specify)						
SUBTOTAL (2) (\$) 402		1	(5650	.,,	-		
(4) 102		*Redu	ced by B	asic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 0	
**or number previously paid, if greater; For Reissues, see above			-		-	(4)0	

SUBMITTED BY			Complete (if applicable)			
Name (Print/Type)	Monte L. Falcoff	Registration Nov Attorney/Agent)	37,617	Telephone	248-641-1600	
Signature	en	After		Date	JUN025, 2003	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231. If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.